

ALOMAX - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

ALOMAX is a semi friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. ALOMAX presents good toughness and excellent abrasion properties, being recommended for high performance bonded abrasives. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm ³	59%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
97.67	1.22	0.54	0.15	0.04

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.92
12	1.91
14	1.91
16	1.91
20	1.89
22	1.89
24	1.90
30	1.89
36	1.88
40	1.85
46	1.84
54	1.79
60	1.78
70	1.76
80	1.76
90	1.72
100	1.69
120	1.68
150	1.66
180	1.65
220	1.64

FEPA 44 - 1:2006